

Form PTO-1449  
(REV. 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
4320-87SERIAL NO.  
09/425,235  
09/425,234**THIRD SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

APPLICANT

Zenon Environmental Inc.

(Use several sheets if necessary)

FILING DATE  
October 25, 1999GROUP  
1723**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
RSP	5,647,988	07/15/97	Kawanishi et al.	210	636	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RSP	FR2741280	05/23/97	France				
RSP	JP09075689	07/31/97	Japan			abstract	
RSP	JP09075689	03/25/97	Japan				X
RSP	JP08252438	02/28/97	Japan			abstract	
RSP	JP08252438	10/01/96	Japan				X
RSP	JP07047245	06/30/95	Japan			abstract	
RSP	JP07047245	02/21/95	Japan				X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

RSP	Derwent Publications Ltd., XP002153239
RSP	Derwent Publications Ltd., XP002153240
RSP	Derwent Publications Ltd., XP002153241

EXAMINER:

**ROBERT J. POPOVICS**  
**PRIMARY EXAMINER**

DATE CONSIDERED:

3/12/01

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RJP	JP08099025	04/16/96	Japan				X
RJP	JP07136474	08/29/95	Japan			abstract	
RJP	JP07136474	05/30/95	Japan				X
RJP	JP11128920	08/31/99	Japan			abstract	
RJP	JP11128920	05/18/99	Japan				X
RJP	JP10066844	06/30/98	Japan			abstract	
RJP	JP10066844	03/10/98	Japan				X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

RJP	Derwent Publications Ltd., XP002153127
RJP	Derwent Publications Ltd., XP002153128
RJP	Derwent Publications Ltd., XP002153129
RJP	Derwent Publications Ltd., XP002153130

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1449  
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## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	JP08229362	01/31/97	Japan				
RJP	JP08229362	09/10/96	Japan			abstract	
	JP11019488	04/30/99	Japan				X
RJP	JP11019488	01/26/99	Japan			abstract	
	JP04131182	08/25/92	Japan				X
	JP07116482	09/29/95	Japan			abstract	
RJP	JP07116482	05/09/95	Japan			abstract	
							X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RJP	Derwent Publications Ltd., XP002153131
RJP	Derwent Publications Ltd., XP002153132
RJP	Derwent Publications Ltd., XP002153133

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Form PTO-1449 (REV. 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 4320-091		SERIAL NO. 09/425,234	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICANT Zenon Environmental Inc.			
(Use several sheets if necessary)				FILING DATE October 25, 1999		GROUP 1746	

  

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RJP	JP 4131182	05/01/92	Japan			✓	

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
RJP	"Membrane News", Section 4.34 IMMERSION TYPE MEMBRANE SEPARATION SYSTEM: Jan. 1997, page 16.
RJP	"Membrane News", Section 4.35 IN SITU CLEANING METHOD OF IMMERSION TYPE MEMBRANE FILTRATION SYSTEM: Jan. 1997, page 16.
RJP	"Membrane News", Section 4.43 IMMERSION TYPE MEMBRANE SEPARATION SYSTEM: Jan. 1997, page 18-19.
RJP	"Membrane News", Section 4.47.1 SUBMARINE TYPE MEMBRANE SEPARATOR AND MEMBRANE CLEANING METHOD OF THE SAME: Dec. 1997, page 31.

  

EXAMINER: <u>Mattie Middleton</u>	<b>ROBERT J. POPOVICS</b> PRIMARY EXAMINER	DATE CONSIDERED: <u>3/12/07</u>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Zenon Environmental Inc.	
		FILING DATE October 25, 1999	GROUP 1723 <del>1746</del>
(Use several sheets if necessary)			

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
RSP	5,393,433	02/28/95	Espenan et al.			
RSP	5,403,479	04/04/95	Smith et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RSP	WO 97/18887	05/29/97	PCT			Claims	
	FR 2741280	05/23/97	France			Abstract	
	EP 19960939147	11/19/96	Europe			Claims	
	JP 6277664	10/04/94	Japan			Abstract	
	JP 8099025	04/16/96	Japan			Abstract	
	JP 8281082	10/29/96	Japan			Abstract	
	JP 10015365	01/20/98	Japan			Abstract	
RSP	JP 52004481	01/13/77	Japan			Abstract	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RSP	"Membrane News", Section 4.12.3 CHEMICAL CLEANING METHOD OF SUBMARINE TYPE CERAMIC MEMBRANE SEPARATION SYSTEM: March 1998, page 13.
RSP	"Membrane News", Section 4.24 CLEANING METHOD OF IMMERSION TYPE MEMBRANE FILTER: page 13.
RSP	"Membrane News", Section 4.30 MEMBRANE SEPARATION METHOD: Sept. 1996, page 16.
RSP	"Membrane News", Section 4.31 IMMERSION TYPE MEMBRANE FILTRATION SYSTEM: Sept. 1996, page 16.

EXAMINER: Mattie MiddletonROBERT J. POPOVICS  
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